Page 1

Declaration and Power of Attorney for Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship arc as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METALLIZED CERAMIC SHAPED ARTICLE, PROCESS FOR PRODUCING THE SAME, AND PELTIER ELEMENT

The s	pecification of which	
0	is attached hereto.	
۵	was filed on	
	as Application Serial No.	
	and was amended on(if a	pplicable)
¤	was filed as PCT international application	•
	No. PCT/JP2005/1786	onFebruary 7, 2005
	and was amended under PCT Article 19 on	
		(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application	Prior Foreign Application(s)			Priority Claimed	
2004-031627	JAPAN	09/Fcbruary/2004	Ycs	□	
(Number)	(Country)	(Day/Month/Year Filed)		No	
2004-034873	JAPAN	12/February/2004	X	□	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	□ Yes	□ No	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(W0175174.1)

BEST AVAILABLE COPY

Page 2

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Senal No.)	(Filing Date)	(Status) (patented, pending abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the practitioners associated with

Customer Number 28289

to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith.

Customer Number 28289 identifies the law firm of WEBB ZIESENHEIM LOGSDON ORKIN AND HANSON, P.C. whose address is 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219-1818, Telephone No. 412-471-8815

Please send all correspondence to Customer Number 28289.

Please direct all telephone calls to Kent E. Baldauf, at telephone number (412) 471-8815.

Full name of sole or first inventor	· · · · · · · · · · · · · · · · · · ·		
Hiroyuki FUKUYAMA			
Inventor's signature	Date		
- July III	July 25 , 2006		
Residence			
Sendai-shi, Miyagi, Japan			
Citizenship			
JAPAN			
Post Office Address c/o Institute of Multidisciplinary	Research for Advanced Materials, Tohoku		
University 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 9808577 Japan			
Full name of second joint inventor, if any			
Takehiko YONEDA			
Inventor's signature	Date		
Takehiko Yvneda	August 2, 2006		
Residence			
Shunan-shi, Yamaguchi, Japan			
Citizenship			
JAPAN			
Post Office Address c/o TOKUYAMA CORPORATION			
1-1, Mikage-cho, Shunan-shi, Yamaguchi 7458648 Japan			

(Supply similar information and signature for third and subsequent joint inventors.)

(W0175174.1) BEST AVAILABLE COPY

Page 3

Full name of third joint inventor, if any	
Shingo KIKUTANI	D-11-
Inventor's signature	Date
Phingo Xikutani	August 2, 2006
Residence	
Shunan-shi, Yamaguchi, Japan	
Citizenship	
JAPAN	
Post Office Address c/o TOKUYAMA CORPORATION	
1-1, Mikage-cho, Shunan-shi, Yamaguchi 7458648 Japan	
Full name of fourth joint inventor, if any	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of fifth joint inventor, if any	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of sixth joint inventor, if any	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
1	

BEST AVAILABLE COPY

{W0175174.1}